

MITIGATING ERRORS IN A DISTRIBUTED SPEECH RECOGNITION
PROCESS

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Abstract of the Disclosure

(with reference to FIG. 1)

- 10 A method of mitigating errors in a distributed speech recognition process. The method comprises the steps of identifying a group comprising one or more vectors which have undergone a transmission error, and replacing one or more speech recognition parameters in the identified group of vectors. In one embodiment all the speech recognition parameters of each vector of the group
- 15 are replaced by replacing the whole vectors, and each respective replaced whole vector is replaced by a copy of whichever of the preceding or following vector without error is closest in receipt order to the vector being replaced. In another embodiment determination of which speech recognition parameter or parameters are to be replaced is performed by predicting, from vectors received
- 20 without error, a predicted value for each speech recognition parameter within said identified group of vectors, and replacing those speech recognition parameters within the identified group of vectors which are outside of a predetermined threshold relative to their respective predicted value. Also described is an apparatus for mitigating errors in a distributed speech
- 25 recognition process.

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